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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/032,083	02/27/1998	ROBERT T. BELL	SELS-0034	9496
7590 10/18/2004				
BARTON E. SHOWALTER, ESQ. BAKER & BOTTS, LLP 2001 ROSS AVENUE DALLAS, TX 75201			EXAMINER NGUYEN, STEVEN H D	
			ART UNIT 2665	PAPER NUMBER

DATE MAILED: 10/18/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/032,083

Applicant(s)

BELL ET AL.

Examiner

Steven HD Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 24 June 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-12, 14-32 and 34-105 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12, 14-32 and 34-105 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

**DETAILED ACTION**

***Response to Amendment***

1. The declaration filed on 6/24/04 under 37 CFR 1.131 is sufficient to overcome the Kikinis (USP 6,201,804) reference.

***Continued Examination Under 37 CFR 1.114***

2. A request for continued examination under 37 CFR 1.114 was filed in this application after a decision by the Board of Patent Appeals and Interferences, but before the filing of a Notice of Appeal to the Court of Appeals for the Federal Circuit or the commencement of a civil action. Since this application is eligible for continued examination under 37 CFR 1.114 and the fee set forth in 37 CFR 1.17(e) has been timely paid, the appeal has been withdrawn pursuant to 37 CFR 1.114 and prosecution in this application has been reopened pursuant to 37 CFR 1.114. Applicant's submission filed on 6/24/04 has been entered.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

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4. Claims 1-12, 14-32 and 34-105 are rejected under 35 U.S.C. 102(e) as being anticipated by Amir (USP 6711166).

Regarding claims 1, 16, 20, 36, 41, 51, 56, 66, 71, 76, 81, 87 and 89, Amir discloses (Figs 1-7 and col. 1, lines 10 to col. 13, lines 45) a system capable of performing state-based signaling on behalf of a stateless client (Fig 2A, Ref 42A, 44A, Fig 6, Ref 26, ISDN and analog telephone and IP terminal and Fig 7, Ref 122A IP telephone), comprising a controller (Figs 2 and 6, Ref 94 which is embedded into the gateway, switch and router; See col. 1, lines 65-66), couplable to a state-based terminal (Fig 2, Ref 48, Fig 6, Ref 26 and Fig 7, Ref 122B, H.323 terminal), that translates at least one stateless signaling message received from said stateless client to at least one state-based signaling message for presentation to said state-based terminal thereby facilitating a media stream communications session between said stateless client and said state-based terminal using an Internet Protocol (IP)-based network, wherein the media stream communications session is comprised of packets exchanged between said stateless client and said state-based terminal (Figs 2, 6-7, packet network such internet or intranet; See col. 3, lines 60 to col. 4, lines 60, col. 5, lines 49 to col. 8, lines 54 and col. 9, lines 29 to col. 11, lines 3 and col. 11, lines 66 to col. 12, lines 8 for exchanging the signaling packet for establishing communication path between the state less and state base client in order to convey the media packet).

Regarding claims 2, 17, 22, 37, 42, 52, 57 and 67, Amir discloses controller translates at least one state-based/stateless signaling message received from said state-based/stateless terminal to at least one stateless/state base signaling message for presentation to said stateless/state base client (Figs 2 and 6, Ref 94).

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Regarding claims 3, 23, 43, 58, 72, 77, 82, 88, 90, 93 and 101-102, Amir inherently discloses controller comprises a protocol engine and a stateless client control engine (Figs 2 and 6, Ref 94).

Regarding claims 44, 59, 73 and 78, Amir discloses controller comprises a call manager messaging and a stateless client message interface (Fig 2, Ref 94).

Regarding claims 74 and 79, Amir discloses a gateway coupling between intranet and Internet (Fig 2, Ref 40A)

Regarding claims 4, 18, 24, 38, 45, 53, 60 and 68, Amir discloses controller forms an abstraction of said at least one stateless signaling message prior to translating (Fig 4).

Regarding claims 5, 19, 25, 39, 46, 54, 61, 69 and 84, Amir discloses system performs state-based signaling on behalf of a plurality of stateless clients (Fig 4).

Regarding claims 47, 55, 62, 70, 85, 86, 92 and 100, Amir discloses network employs a transport protocol selected from the group consisting of an Internet Protocol (IP), an Internetwork Packet Exchange / Sequenced Packet Exchange (IPX/SPX), and a Systems Network Architecture (SNA) (Fig 7).

Regarding claims 6, 20, 26 and 40, Amir discloses media stream includes portions selected from the group consisting of voice, video, and data (Col. 2, lines 3-9).

Regarding claims 7, 27, 48 and 63, Amir discloses portions of said media stream traverse a path between said stateless client and said state-based terminal without said controller (Fig 2B, Ref 90 or Fig 2A, LAN/IP network).

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Regarding claims 8, 28, 49, 64 and 83, Amir discloses at least one state-based signaling message and said at least one stateless signaling message traverse a signaling path separate from a path for said media stream (Figs 2A and 6A, Ref ISDN, Analog).

Regarding claims 9 and 29, Amir discloses portions of said media stream traverse a path between said stateless client and said state-based terminal with said controller (Fig 6A, Ref 94).

Regarding claims 10, 30 and 96, Amir discloses said at least one state-based signaling message is based on a protocol selected from the group consisting of H.225, H.235, H.245, and H.323 (Col. 6, lines 1-17, H.323, H.245, encryption H.235 and H.225, RAS inherently).

Regarding claims 11 and 31, Amir discloses stateless client is selected from the group consisting of a device having an individual telephone, at least one digital trunk interface, at least one analog trunk interface, at least one digital station interface, at least one analog station interface, and a shared system resource (Figs 2, 6 and 7).

Regarding claims 12 and 32, Amir inherently discloses at least one stateless signaling message includes an indication selected from the group consisting of a telephony "off-hook" event, a telephony "on-hook" event, a telephony "button depressed" event, a telephony "digit dialed" event, and a "client registration" event (Fig 2A and Figs 6-7, telephone devices generates a signaling message which comprises on/off hook, dialed digit etc).

Regarding claims 14 and 34, Amir discloses controller operates only with respect to call management and management of said media stream (Fig 2, Ref 28 and 94).

Regarding claims 15, 35, 50, 65, 75 and 80, Amir discloses system is embodied as a sequence of instructions executable in a general purpose computer system (Col. 13, lines 5-17).

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Regarding claims 91, 97-99 and 103-104, Amir discloses(Figs 1-7 and col. 1, lines 10 to col. 13, lines 45)a method for establishing a communications session with a remote state-based terminal (Fig 2B, Ref 48B is H.323 for translating voice packet into analog voice to present to the stateless user), the method comprising the following steps performed at a stateless client (Fig 2A, Ref 42A and Fig 7, Ref 112A, IP telephone for translating voice packet into analog voice to present to the stateless user); receiving a call initiation signaling message generated at a remote state-based terminal and translated into a stateless call initiation signaling message for presentation to the stateless client to establish a communications session between the stateless client and the remote state-based terminal; processing the stateless call initiation signaling message to determine that the stateless client is able to conduct the communications session initiated at the remote state-based terminal; communicating a stateless acknowledgement signaling message for translation and delivery to the remote state-based terminal as a state-based acknowledgement signaling message; and exchanging packets with the remote state-based terminal using a packet network (Fig 2, Ref 94 for converting the signaling message between the telephone and terminal and determining if a call can be established, send acknowledge message, See col. 3, lines 60 to col. 4, lines 60, col. 5, lines 49 to col. 8, lines 67 and col. 9, lines 1 to col. 11, lines 3 and col. 11, lines 66 to col. 12, lines 8 for exchanging the signaling packet for establishing communication path between the state less and state base client in order to convey the media packet).

Regarding claims 94 and 105, Amir inherently discloses a ring on, off hook message.

*Claim Rejections - 35 USC § 103*

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

7. Claims 1-12, 14-32 and 34-105 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kubler et al (USP 5,726,984) in view of Amir (USP 6711166).

Kubler teaches a system capable of performing state-based signaling on behalf of a stateless-client (6331) comprising a controller (6333) coupled to a state-based terminal (6301, 6303), that translates at least one stateless signaling message (telephony dialing) received from the stateless client (6331) to at least one state-based signaling message for presentation to said state-based terminal (6301, 6303) thereby facilitating a media stream communications session between said stateless client (6331) and said state-based terminal (6301, 6303) over an IP-based network (6315). Kubler differs from the claims in that Kubler does not teach that the stateless



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client (6331) communicates with the state-based client (6301, 6303) using packets. However, Amir discloses (Figs 1-7 and col. 1, lines 10 to col. 13, lines 45) a system for exchanging multimedia packet between the stateless and state base device (Fig 7 wherein the H.323 terminal and IP telephone). Thus, it would have been obvious to one skilled in the art at the time the invention was made to apply the teaching of the telephone (state-less client) communicating with a computer (state-based client) using packets as disclosed by Amir into Kubler's telephone 6331 with the motivation being to enable the user of the telephone to handle both regular telephone call and reduce the long distance cost .

### ***Conclusion***

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Civanlar (USP 6385193) discloses a method and system for converting the signaling message between the different networks.

Wong (USP 6185288) discloses a method and system for converting the signaling message between the different networks.

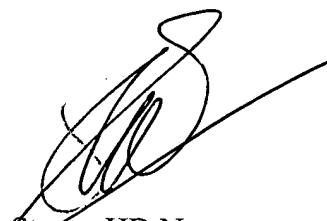
Potter (USP 6728236) discloses a multimedia call center.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steven HD Nguyen whose telephone number is (571) 272-3159. The examiner can normally be reached on 8-5.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy D Vu can be reached on (571) 272-3155. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Steven HD Nguyen  
Primary Examiner  
Art Unit 2665  
10/12/04